ATTORNEYS DOCKET NO.: TI-33763

## APPLICATION FOR UNITED STATES PATENT DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor if only one name is listed below, or an original, first and joint inventor if plural inventors are named below, of the subject matter which is claimed and for which a patent is sought on the invention entitled as set forth below, which is described in the attached specification; that I have reviewed and understand the contents of the specification, including the claims, as amended by any amendment specifically referred to in the oath or declaration; that no application for patent or inventor's certificate on this invention has been filed by me or my legal representatives or assigns in any country foreign to the United States of America; and that I acknowledge my duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, section 1.56(a);

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

| THIS APPLICATION AND TRANSACT ALL BUSINESS IN THE PATENT AND TRADEMARK OFFICE CONNECTED THEREWITH  Practitioners at Customer Number 23494  SEND CORRESPONDENCE TO: Rose Keagy Texas Instruments Incorporated P. O. Box 655474, M/S 3999 Dallas, Texas 75265  NAME OF INVENTOR: (1) NAME OF INVENTOR  Richard Gu  | TITLE OF INVENTION: DECISION FEEDBACK EQUALIZATION FOR HIGH SPEED SERIAL LINKS |   |                                 |  |
|--|--|---|---------------------------------|--|
| PATENT AND TRADEMARK OFFICE CONNECTED THEREWITH  Practitioners at Customer Number 23494  SEND CORRESPONDENCE TO: Rose Keagy Texas Instruments Incorporated P. O. Box 655474, M/S 3999 Dallas, Texas 75265  NAME OF INVENTOR:  (1) NAME OF INVENTOR  Song Wu  RESIDENCE (City and State Only)  Plano, Texas  POST OFFICE ADDRESS: 4416 Vanderpool Drive Plano, Texas 75024  COUNTRY OF CITIZENSHIP:  United States of America  DIRECT TELEPHONE CALLS 7 Rose Keagy (972) 917-4167  NAME OF INVENTOR  2 NAME OF INVENTOR  POST OFFICE CITIZENSHIP:  DIRECT TELEPHONE CALLS 7 Rose Keagy (972) 917-4167  POST OFFICE ADDRE CALLS 7 Rose Keagy (972) 917-4167  Resident Gu Residen | POWER OF ATTORNEY:   | I HEREBY APPOINT THE FOLLOWING ATTORNEYS TO PROSECUTE |                                 |  |
| Practitioners at Customer Number 23494  SEND CORRESPONDENCE TO: Rose Keagy Texas Instruments Incorporated P. O. Box 655474, M/S 3999 Dallas, Texas 75265  NAME OF INVENTOR:  Song Wu RESIDENCE (City and State Only) Plano, Texas POST OFFICE ADDRESS: 416 Vanderpool Drive Plano, Texas 75024 COUNTRY OF CITIZENSHIP: United States of America  DIRECT TELEPHONE CALLS 7 Rose Keagy (972) 917-4167  NAME OF INVENTOR (2) NAME OF INVENTOR RESIDENCE (City and State Only)   |  | THIS APPLICATION AND TRANSACT ALL BUSINESS IN THE     |                                 |  |
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| Rose Keagy Texas Instruments Incorporated P. O. Box 655474, M/S 3999 Dallas, Texas 75265  NAME OF INVENTOR:  Song Wu RESIDENCE (City and State Only) Plano, Texas POST OFFICE ADDRESS: 4416 Vanderpool Drive Plano, Texas 75024 Plano, Texas 75024 COUNTRY OF CITIZENSHIP: United States of America  Rose Keagy (972) 917-4167  Rose Keagy (972) 917-4167  RAME OF INVENTOR  RESIDENCE (City and State Only) NAME OF INVENTOR  RESIDENCE (City and State Only)   |  |   |                                 |  |
| Texas Instruments Incorporated P. O. Box 655474, M/S 3999 Dallas, Texas 75265 NAME OF INVENTOR:  (1) NAME OF INVENTOR  (2) NAME OF INVENTOR  Song Wu  RESIDENCE (City and State Only) RESIDENCE (City and State Only) RESIDENCE (City and State Only) Plano, Texas POST OFFICE ADDRESS: 4416 Vanderpool Drive Plano, Texas 75024 Plano, Texas 75025 COUNTRY OF CITIZENSHIP: United States of America Canada  | SEND CORRESPONDENCE TO:  |   | DIRECT TELEPHONE CALLS TO:      |  |
| Texas Instruments Incorporated P. O. Box 655474, M/S 3999 Dallas, Texas 75265  NAME OF INVENTOR:  (1) NAME OF INVENTOR  (2) NAME OF INVENTOR  Song Wu  RESIDENCE (City and State Only)  Plano, Texas  POST OFFICE ADDRESS: 4416 Vanderpool Drive Plano, Texas 75024  COUNTRY OF CITIZENSHIP:  United States of America  (972) 917-4167  (972) 917-4167  (972) 917-4167  (972) 917-4167  PAME OF INVENTOR  RESIDENCE (City and State Only)  RESIDENCE (City and State Only)  RESIDENCE (City and State Only)  POST OFFICE ADDRESS: 3300 Grand Meas Drive Plano, Texas 75025  COUNTRY OF CITIZENSHIP:  United States of America  Canada  | Rose Keagy   |   | Rose Keagy                      |  |
| P. O. Box 655474, M/S 3999 Dallas, Texas 75265  NAME OF INVENTOR: (1) NAME OF INVENTOR (2) NAME OF INVENTOR  Song Wu Richard Gu  RESIDENCE (City and State Only) RESIDENCE (City and State Only) RESIDENCE (City and State Only)  Plano, Texas Plano, Texas  POST OFFICE ADDRESS: 4416 Vanderpool Drive Plano, Texas 75024 Plano, Texas 75025  COUNTRY OF CITIZENSHIP: COUNTRY OF CITIZENSHIP:  United States of America Canada  | Texas Instruments Incorporated   |   |                                 |  |
| NAME OF INVENTOR:  Song Wu  RESIDENCE (City and State Only)  Plano, Texas  POST OFFICE ADDRESS: 4416 Vanderpool Drive Plano, Texas 75024  COUNTRY OF CITIZENSHIP:  United States of America  Pichard Gu  RESIDENCE (City and State Only)  PROST OFFICE ADDRESS: 3300 Grand Meas Drive Plano, Texas 75025  COUNTRY OF CITIZENSHIP:  United States of America  Canada   |  |   |                                 |  |
| Song Wu  RESIDENCE (City and State Only)  Plano, Texas  POST OFFICE ADDRESS: 4416 Vanderpool Drive Plano, Texas 75024  COUNTRY OF CITIZENSHIP:  Wichard Gu  RESIDENCE (City and State Only)  POST OFFICE ADDRESS: 3300 Grand Meas Drive Plano, Texas 75025  COUNTRY OF CITIZENSHIP:  United States of America  Canada   | Dallas, Texas 75265  |   |                                 |  |
| RESIDENCE (City and State Only)  Plano, Texas  POST OFFICE ADDRESS: 4416 Vanderpool Drive Plano, Texas 75024  COUNTRY OF CITIZENSHIP:  PRESIDENCE (City and State Only)  RESIDENCE (City and State Only)  Plano, Texas  3300 Grand Meas Drive Plano, Texas 75025  COUNTRY OF CITIZENSHIP:  United States of America  Canada   | NAME OF INVENTOR: (1)  | NAME OF INVENTOR (2)                                  | NAME OF INVENTOR                |  |
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| Plano, Texas  POST OFFICE ADDRESS: 4416 Vanderpool Drive Plano, Texas 75024  COUNTRY OF CITIZENSHIP:  Plano, Texas 75025  Country Of Citizenship:  United States of America  Plano, Texas 75025  Canada  | Song Wu  | Richard Gu  |                                 |  |
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| 4416 Vanderpool Drive Plano, Texas 75024  COUNTRY OF CITIZENSHIP:  United States of America  3300 Grand Meas Drive Plano, Texas 75025  COUNTRY OF CITIZENSHIP:  Canada   | Plano, Texas   | Plano, Texas  |                                 |  |
| Plano, Texas 75024 Plano, Texas 75025  COUNTRY OF CITIZENSHIP: COUNTRY OF CITIZENSHIP:  United States of America Canada  | POST OFFICE ADDRESS:   | POST OFFICE ADDRESS:                                  | POST OFFICE ADDRESS:            |  |
| COUNTRY OF CITIZENSHIP:  United States of America  Canada  | 4416 Vanderpool Drive  | 3300 Grand Meas Drive                                 |                                 |  |
| United States of America Canada  | Plano, Texas 75024   | Plano, Texas 75025                                    |                                 |  |
|  | COUNTRY OF CITIZENSHIP:  | COUNTRY OF CITIZENSHIP:                               |                                 |  |
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